

Innovative online tool

The fast and easy way to find the right snubber capacitor

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TDK Corporation presents the EPCOS Snubber Cap Finder – an innovative online tool that simplifies and speeds up the search for suitable snubber capacitors to protect IGBT modules against voltage peaks. With Snubber Cap Finder, the user only has to enter the manufacturer's IGBT code number in the search mask, and the integrated database, covering over 1000 IGBT modules from major suppliers, then locates the appropriate capacitors.

Alternatively, the search can be made by entering the voltage, capacity, capacitor type or terminal configuration. The search is then supported with technical drawings of the selected terminal configuration, an overview of the key technical data and the link to the corresponding data sheets. The tool is available at www.epcos.com/filmcap.

The EPCOS snubber capacitors are currently available in 17 different terminal configurations. The series, ranging from B32656S* to B32686S*, are characterized by their high pulse strength and reliability of the contacts. In addition, the components offer extremely low ESL values. The tin-plated copper straps have hole spacings ranging from 19.5 mm to 63 mm. These snubber capacitors cover a range of voltages from 850 V DC to 2000 V DC and capacitances from 68 nF to 5.6 μ F. All types are designed for temperatures of up to +110 °C.

About TDK Corporation

TDK Corporation is a leading electronics company based in Tokyo, Japan. It was established in 1935 to commercialize ferrite, a key material in electronic and magnetic products. TDK's portfolio includes electronic components, modules and systems* marketed under the product brands TDK and EPCOS, power supplies, magnetic application products as well as energy devices, flash memory application devices, and others. TDK focuses on demanding markets in the areas of information and communication technology and consumer, automotive and industrial electronics. The company has a network of design and manufacturing locations and sales offices in Asia, Europe, and in North and South America. In fiscal 2014, TDK posted total sales of USD 9.6 billion and employed about 83,000 people worldwide.

* The product portfolio includes ceramic, aluminum electrolytic and film capacitors, ferrites, inductors, high-frequency components such as surface acoustic wave (SAW) filter products and modules, piezo and protection components, and sensors.

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